AMENDMENTS TO THE CLAIMS

1. (Currently Amended)   A computer system for generating a representation of time-based media, the system comprising:

a feature extraction module for:

extracting, using a feature extraction technique, features from the time-based media, the feature extraction technique specified by a document format specification file media content; and

generating a media representation of the time-based media that represents the representing the features extracted features;

a formatting module communicatively coupled to the feature extraction module, the formatting module for:

formatting the media representation generated, the formatting module being communicatively coupled to the feature extraction module to apply features extracted to the media representation, wherein the formatting module formats the media representation according to layout parameters specified by the document format specification file a representation specification; and

a printer communicatively coupled to the formatting module, the printer for:

printing the formatted media representation, the printer being communicatively coupled to the formatting module to receive instructions for printing a document displaying the formatted media representation, wherein the formatted media representation includes a graphical representation of a timeline and a plurality of user-selectable user-selectable identifiers indicating locations on the timeline corresponding to the extracted features representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features, wherein the plurality of selectable identifiers are linked to locations on the timeline.

2

2. (Currently Amended)   The system of claim 1, wherein the feature extraction module further comprises content recognition software for recognizing features in the <u>time-based</u> media ~~content~~.

3. (Previously Presented)   The system of claim 1, further comprising processing logic for controlling a printer driver interface associated with the printer.

4. (Currently Amended)   The system of claim 1, further comprising processing logic for controlling <u>a</u> printer console on the printer.

5. (Previously Presented)   The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation in digital format.

6. (Previously Presented)   The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation in paper format.

7. (Cancelled)

8. (Currently Amended)   The system of claim 1, wherein at least one of the user-selectable identifiers comprises a barcode printed on <u>a</u> ~~the~~ document displaying the media representation.

9. (Cancelled)

10. (Currently Amended)   The system of claim 8, wherein the barcode on the document can be scanned to play <u>time-based media</u> ~~the~~ associated <u>with the extracted features</u> ~~media content segment~~ on a display device.

11. (Cancelled)

12. (Previously Presented)   The system of claim 1, wherein the graphical representation includes audio content displayed as an audio waveform timeline.

13. (Currently Amended)   The system of claim 1, wherein the timeline includes markers along its length that correspond to user-selected segments of <u>the time-based</u> media ~~content~~.

14. (Currently Amended)   The system of claim 1, wherein the timeline includes markers along its length that correspond to segments of audio content, the segments being defined by a search for particular features within the ~~time-based~~ media ~~content~~.

15. (Previously Presented)   The system of claim 1, wherein the timeline includes markers along its length that correspond to segments of media content, at least one of the markers having text information describing the segment of media content.

16. (Currently Amended)   The system of claim 1, wherein the timeline includes markers along its length that each correspond to a segment of the ~~time-based~~ media ~~content~~, at least one of the markers having timestamp information describing the segment of the ~~time-based~~ ~~media~~ content.

17. (Currently Amended)   The system of claim 1, wherein the media representation includes a header describing the ~~time-based~~ media ~~content~~.

18. (Currently Amended)   The system of claim 1, wherein the feature extraction module is further adapted to generate the media representation according to format specifications included in ~~the document format specification file~~ ~~a data structure~~.

19. (Currently Amended)   The system of claim 18, wherein the format specifications included in the ~~document format specification~~ ~~data structure~~ comprise a number of user-definable fields specifying a format of a graphical representation of the ~~time-based~~ media ~~content~~.

20. (Currently Amended)   The system of claim 18, wherein the format specifications included in the ~~document format specification~~ ~~data structure~~ comprise a number of user-definable fields specifying a layout of the media representation.

21. (Currently Amended)   The system of claim 18, wherein the format specifications included in the ~~document format specification~~ ~~data structure~~ comprise a number of user-definable fields specifying media content markers included in the media representation.

22. (Currently Amended)   The system of claim 20, wherein the format specifications included in the <u>document format specification</u> ~~data structure~~ comprise a number of user-definable fields specifying feature extraction techniques <u>to apply</u> ~~applied~~ to the <u>time-based</u> media ~~content~~.

23. (Cancelled)   .

24. (Cancelled)

25. (Previously Presented)   A method for generating a representation of time-based media, the method comprising:

Extracting<u>, using a features extraction technique,</u> features from <u>the time-based</u> media<u>, the feature extraction technique specified by a document format specification file</u> ~~content~~;

generating a media representation <u>of the time-based media that represents the</u> ~~representing the features~~ extracted <u>features</u>;

formatting the media representation according to <u>layout parameters specified by the document format specification file</u> ~~a representation specification, the formatting including applying the features extracted to the media representation~~; and

printing ~~a document displaying~~ the formatted media representation, wherein the formatted media representation includes a graphical representation of a timeline and a plurality of <u>user-selectable</u> ~~user selectable~~ identifiers <u>indicating locations on the timeline corresponding to the extracted features</u> ~~representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features, wherein the plurality of selectable identifiers are linked to locations on the timeline~~.

26. (Cancelled)

27. (Currently Amended)   The method of claim 25, wherein extracting features <u>from the time-based media</u> ~~of media content~~ further comprises performing keyword searching on the <u>time-based</u> media ~~content~~.

28. (Currently Amended)   The method of claim 25, wherein extracting features <u>from the time-based media</u> <s>of media content</s> further comprises performing speech recognition on the <u>time-based</u> media <s>content</s>.

29. (Currently Amended)   The method of claim 25, wherein extracting features <u>from the time-based media</u> <s>of media content</s> further comprises performing event detection on the <u>time-based</u> media <s>content</s>.

30. (Cancelled)

31. (Previously Presented)   The method of claim 25, wherein the graphical representation includes audio content displayed as an audio waveform timeline.

32. (Cancelled)

33. (Currently Amended)   The method of claim 25, wherein at least one of the user-selectable identifiers comprises a barcode printed on <u>a</u> <s>the</s> document displaying media representation.

34. (Currently Amended)   The method of claim 33, wherein <s>the user scans</s> the barcode <u>on the document can be scanned</u> to play <u>time-based media</u> <s>the</s> associated <u>with the extracted features</u> <s>media content</s> on a display device.

35. (Currently Amended)   The method of claim 25, further comprising generating markers along the timeline, the markers corresponding to user-selected <u>segments of the time-based</u> media <s>content</s>.

36. (Currently Amended)   The method of claim 25, further comprising generating markers along the timeline, at least one of the markers corresponding to features extracted from the <u>time-based</u> media content.

37. (Currently Amended)   The method of claim 25, further comprising generating markers along the timeline, at least one of the markers including text information describing the <u>time-based</u> media <s>content</s>.

38. (Currently Amended)   The method of claim 25, further comprising generating markers along the timeline, at least one of the markers including timestamp information describing the <u>time-based</u> media ~~content~~.

39. (Currently Amended)   The method of claim 25, wherein printing the <u>formatted</u> media representation further comprises printing a header describing the <u>time-based</u> media ~~content~~.

40. (Currently Amended)   The method of claim 25, wherein printing the <u>formatted</u> media representation further comprises generating a representation in digital format.

41. (Currently Amended)   The method of claim 25, wherein printing the <u>formatted</u> media representation further comprises printing a representation in paper format.

42. (Cancelled)

43. (Cancelled)

44. (Previously Presented)   The method of claim 33, further comprising applying a barcode generation algorithm to render a barcode image including identifier information.

45. (Previously Presented)   The method of claim 33, further comprising applying a barcode generation algorithm to render a barcode image including timestamp information.